



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001163228 A

(43) Date of publication of application: 19.06.01

(51) Int. Cl.  
**B62D 3/12**  
**B62D 5/04**  
**B62D 5/22**  
**F16H 55/26**

(21) Application number: 11347893

(22) Date of filing: 07.12.99

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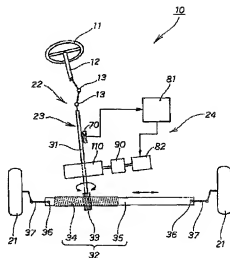
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## (54) MOTOR-DRIVEN POWER STEERING DEVICE

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To enhance work accuracy of a pinion and a rack in a rack and pinion mechanism of a motor-driven power steering device.

**SOLUTION:** This motor-driven power steering device 10 generates auxiliary torque according to steering torque by an electric motor 82 to transmit this auxiliary torque to a rack and pinion mechanism 32 via a gear type speed reduction mechanism 110 to steer steering wheels 21, 21 by this rack and pinion mechanism 32. A pinion 33 or a rack 34 or both of the rack and pinion mechanism 32 are formed of a plastic working article such as a forged article. A tooth shape of the pinion 33 and the rack 34 is formed in a circular arc tooth shape.



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